



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 8

Complete if Known

Application Number	10/821,635
Filing Date	April 9, 2004
First Named Inventor	Donald J. Harrod
Group Art Unit	2632
Examiner Name	Not yet assigned
Attorney Docket Number	087801-9307-01

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication
SA	2002/0196113	Rudd et al.	12/26/2002
SA	6,479,908	Utter et al.	11/12/2002
SA	6,249,216	Flick	6/19/2001
SA	6,529,129	Flick	3/4/2003
SA	6,275,147	Flick	8/14/2001
SA	6,346,876	Flick	2/12/2002
SA	6,297,731	Flick	10/2/2001
SA	6,188,140	Kito et al.	2/13/2001
SA	6,181,025	McConnell et al.	1/30/2001
SA	5,703,413	Treharne	12/30/1997
SA	5,675,490	Bachhuber	10/7/1997
SA	5,656,867	Kokubu	8/12/1997
SA	5,032,737	Holm et al.	7/16/1991
SA	6,400,040	Scudder et al.	6/4/2002
SA	6,463,773	Dimig	10/15/2002
SA	5,752,308	Maley et al.	5/19/1998
SA	5,735,375	Booth et al.	4/7/1998
SA	6,178,791	Hill et al.	1/30/2001
SA	5,893,283	Evans et al.	4/13/1999
SA	4,916,927	O'Connell et al.	4/17/1990
SA	3,743,898	Sturman	7/3/1973
SA	3,683,239	Sturman	8/8/1972

Examiner
SignatureDate
Considered

4/6/06

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Sheet	2	of	8	Attorney Docket Number	087801-9307-01

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication
SA	2003/0001705	Sugiyama et al.	1/2/2003
SA	6,087,735	Nakamura	7/11/2000
SA	6,756,698	Shamoto et al.	6/29/2004
SA	2001/0009394	Yanaka	7/26/2001
SA	6,759,932	Nishikawa	7/6/2004
SA	6,538,542	Nishikawa	3/25/2003
SA	6,597,071	Hiyama et al.	7/22/2003
SA	6,476,699	Amano et al.	11/5/2002
SA	5,646,587	Miyazawa et al.	7/8/1997
SA	5,555,863	Kokubu	9/17/1996
SA	4,980,680	Knoll et al.	12/25/1990
SA	4,344,395	Kondo et al.	8/17/1982
SA	4,452,199	Andreasson	6/5/1984
SA	4,273,093	Ozawa	6/16/1981
SA	4,207,852	Ohki et al.	6/17/1980
SA	4,204,490	Ohki et al.	5/27/1980
SA	4,144,859	Ohki et al.	3/20/1979
SA	6,696,927	Flick	2/24/2004
SA	6,522,267	Flick	2/18/2003
SA	6,512,466	Flick	1/28/2003
SA	6,512,465	Flick	1/28/2003
SA	6,509,868	Flick	1/21/2003
SA	6,507,786	Flick	1/14/2003

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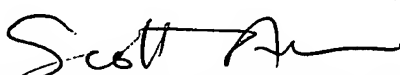
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Sheet	3	of	8	Attorney Docket Number	087801-9307-01

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication
SA	6,498,300	Flick	12/24/2002
SA	6,480,117	Flick	11/12/2002
SA	6,480,098	Flick	11/12/2002
SA	6,480,095	Flick	11/12/2002
SA	6,433,677	Flick	8/13/2002
SA	6,429,768	Flick	8/6/2002
SA	6,392,534	Flick	5/21/2002
SA	6,346,877	Flick	2/12/2002
SA	6,320,514	Flick	11/20/2001
SA	6,320,498	Flick	11/20/2001
SA	6,243,004	Flick	6/5/2001
SA	6,188,326	Flick	2/13/2001
SA	6,150,926	Flick	11/21/2000
SA	6,144,315	Flick	11/7/2000
SA	6,140,939	Flick	10/31/2000
SA	6,140,938	Flick	10/31/2000
SA	6,130,606	Flick	10/10/2000
SA	6,130,605	Flick	10/10/2000
SA	6,049,268	Flick	4/11/2000
SA	6,037,859	Flick	3/14/2000
SA	6,011,460	Flick	1/4/2000
SA	5,986,571	Flick	11/16/1999
SA	5,982,277	Flick	11/9/1999

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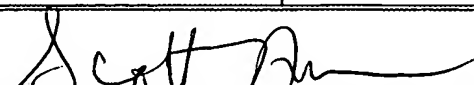
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Sheet	4	of	8	Attorney Docket Number	087801-9307-01

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication
SA	5,973,592	Flick	10/26/1999
SA	5,739,748	Flick	4/14/1998
SA	5,739,747	Flick	4/14/1998
SA	5,719,551	Flick	2/17/1998
SA	D459,263	Flick	6/25/2002
SA	D459,314	Flick	6/25/2002
SA	D406,107	Flick	2/23/1999
SA	D385,878	Flick	11/4/1997
SA	D382,558	Flick	8/19/1997
SA	D358,785	Flick	5/30/1995
SA	D357,639	Flick	4/25/1995
SA	5,750,942	Flick	5/12/1998
SA	6,804,605	Flick	10/12/2004
SA	6,696,938	Flick	2/24/2004
SA	6,693,563	Flick	2/17/2004
SA	6,720,868	Flick	4/13/2004
SA	6,753,763	Flick	6/22/2004
SA	6,703,946	Flick	3/9/2004
SA	6,765,500	Flick	7/20/2004
SA	6,765,499	Flick	7/20/2004
SA	6,737,989	Flick	5/18/2004
SA	6,798,355	Flick	9/28/2004
SA	6,771,188	Flick	8/3/2004
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Sheet	5	of	8	Attorney Docket Number	087801-9307-01

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SA	6,798,356	Flick	9/28/2004
SA	6,784,809	Flick	8/31/2004
SA	6,744,384	Flick	6/1/2004
SA	6,676,615	Flick	1/13/2004
SA	6,803,861	Flick	10/12/2004
SA	6,741,187	Flick	5/25/2004
SA	6,606,561	Flick	8/12/2003
SA	2002/0180595	Flick	12/5/2002
SA	2002/0163449	Flick	11/7/2002
SA	2002/0145535	Flick	10/10/2002
SA	2002/0105444	Flick	8/8/2002
SA	2002/0105443	Flick	8/8/2002
SA	2002/0101366	Flick	8/1/2002
SA	2002/0098835	Flick	7/25/2002
SA	2002/0075133	Flick	6/20/2002
SA	2002/0013660	Flick	1/31/2002
SA	6,809,659	Flick	10/26/2004
SA	5,612,578	Drew	3/18/1997
SA	5,818,329	Allen	10/6/1998
SA	6,366,198	Allen et al.	4/2/2002
SA	6,184,780	Allen et al.	2/6/2001
SA	5,729,191	Allen et al.	3/17/1998
SA	5,663,704	Allen et al.	9/2/1997
Examiner Signature	Scott M		Date Considered 4/6/06

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				Group Art Unit	2632
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Sheet	6	of	8	Attorney Docket Number	087801-9307-01

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication
SA	5,654,688	Allen et al.	8/5/1997
SA	5,612,669	Allen et al.	3/18/1997
SA	5,441,022	Yoder et al.	8/15/1995
SA	6,650,236	Ghabra et al.	11/18/2003
SA	6,522,029	Bell et al.	2/18/2003
SA	6,501,369	Treharne	12/31/2002
SA	6,496,100	Hiebl	12/17/2002
SA	6,476,517	Okada	11/5/2002
SA	6,420,967	Ghabra et al.	7/16/2002
SA	6,400,041	Engelmann et al.	6/4/2002
SA	6,354,118	Frick et al.	3/12/2002
SA	6,354,117	Canard	3/12/2002
SA	6,349,579	Canard	2/26/2002
SA	6,327,882	Canard	12/11/2001
SA	6,317,034	Issa et al.	11/13/2001
SA	6,234,039	Garnault et al.	5/22/2001
SA	6,181,026	Treharne et al.	1/30/2001
SA	6,170,874	Fosse	1/9/2001
SA	6,075,454	Yamasaki	6/13/2000
SA	6,043,752	Hisada et al.	3/28/2000
SA	5,982,049	Jakob et al.	11/9/1999
SA	5,883,443	Wilson	3/16/1999

Examiner Signature		Date Considered	4/6/06
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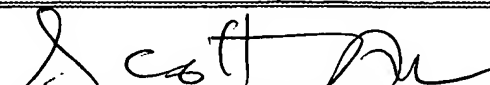
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SP	5,808,543	Peyre	9/15/1998
GA	5,723,912	Ahrabian et al.	3/3/1998
SA	5,610,446	Garber	3/11/1997
SA	5,534,845	Issa et al.	7/9/1996
SA	5,398,532	Janssen et al.	3/21/1995
SA	5,254,842	Posner et al.	10/19/1993
SA	4,945,354	McColl	7/31/1990
SA	4,759,203	Lieb et al.	7/26/1988
SA	4,642,734	Anderson	2/10/1987
SA	4,643,009	Sato	2/17/1987
SA	6,000,489	Rick	12/14/1999
SA	6,298,938	Klaiber et al.	10/9/2001
SA	2004/0069028	Dimig et al.	4/15/2004
SA	6,516,640	Jacobs et al.	2/11/2003
SA	6,659,218	Thomas et al.	12/9/2003
SA	6,705,422	Mackawa	3/16/2004
SA	6,571,587	Dimig et al.	6/3/2003
SA	6,364,084	Boyer et al.	4/2/2002
SA	6,685,160	Shinogle et al.	2/3/2004
SA	6,046,900	Massey et al.	4/4/2000
SA	6,392,516	Ward et al.	5/21/2002
SA	4,733,212	Goodwin	3/22/1988
SA	6,508,088	Barbier et al.	1/21/2003
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FOREIGN PATENT DOCUMENTS						
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GA	EP	1 191 222	Aisin Aw Co.	3/27/2002		Yes
GA	JP	2002-174162	Aisin Aw Co.	3/27/2002		Yes
GA	JP	11-037023	Sanshin Kogyo KK	7/11/2000		Yes
GA	JP	10-236280	Yazaki Corp.	9/8/1998		Yes
GA	JP	60-35175	Nippon Denso KK	2/22/1985		Yes

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
GA		'What is Radio Frequency Identification (RFID)?', no date given.
GA		'Using the LIN Bus in an RKE System', www.tonimccormel.com , 3/7/2003.
GA		'The LIN Concept', www.lin-subbus.org , 3/7/2003.
GA		Wense, Hans-Chr. v.d., 'Introduction to Local Interconnect Network (LIN)', 3/2000.
GA		Specks et al., 'LIN - Protocol, Development Tools, and Software Interfaces for Local Interconnect Networks in Vehicles,' 9 th International Conference on Electronic Systems for Vehicles, Baden-Baden, 10/2000.
GA		DeNuto et al., 'LIN Bus and its Potential for Use in Distributed Multiplex Applications', Society of Automotive Engineers, Inc., 2001.
GA		LIN (Local Interconnect Network) Solutions, STMicroelectronics, 2002.
GA		Calculation of Magnetic Circuits Containing Permanent Magnets., 106-109.

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